

Guide to what you should be studying for Quiz on Plate boundaries and Volcanoes

- What are the specific land forms and structures associated with the following plate boundaries?
 - Divergent (continental – continental, oceanic – oceanic)
 - Convergent (continental – continental, oceanic-oceanic, continental-oceanic)
 - Transform

- Know examples of each plate boundary

- Structure of a volcano

- Volcanoes

- Know your types of volcanoes

where they form.

- Fissure
- Shield
- Cindercone
- Strato/ Composite

- Know examples of these volcanoes.

- Know your magma types - viscous or non-viscous - and why. (Key silica content)

- Know your explosive/ catastrophic or effusive (runny lava) volcanoes - and why.

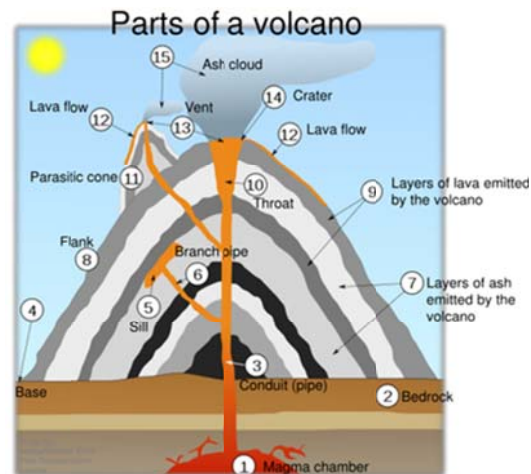
(Key gas (water vapor) content)

- Pyroclastic flows, Lahars, Fumaroles,

- What are they and how can they be harmful to us?

- Volcanic ejecta - obsidian, pumice, tephra

- Crater vs Caldera



and

- Hot spring
 - What are they?
 - Examples of where they occur.
- Hot spot
 - What is a hotspot?
 - Where do they occur?
 - What is the difference between a hot spot volcanic chain and volcanic island arcs?